

GENERAL NOTES

- SUBJECT PROPERTY IS ZONED "PGCC" PER THE 2002/04 COMPREHENSIVE ZONING PLAN AND THE "COMP. LITE" ZONING AMENDMENTS EFFECTIVE 7/28/06.
- GROSS AREA OF SITE SUBJECT TO SUBDIVISION = 17.75 AC±.
- AREA OF PROPOSED PUBLIC RW: 1.14 AC±.
- NUMBER OF PROPOSED OPEN SPACES: N/A.
- AREA OF PROPOSED OPEN SPACE LOTS: N/A.
- NUMBER OF PROPOSED BUILDABLE LOTS: 2.
- AREA OF PROPOSED BUILDABLE LOTS: 15.46 AC±.
- NUMBER OF NON-BUILDABLE BULK PARCELS: 6.
- AREA OF NON-BUILDABLE BULK PARCELS: 1.15 AC±.
- THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.
- PUBLIC WATER AND PUBLIC SEWER WILL BE USED WITHIN THIS SITE. PUBLIC WATER AND SEWER WILL BE EXTENDED FROM CONTRACT #44-480.
- HOWARD COUNTY SOILS MAP 15. SOILS TAKEN FROM THE USDA WEB SOIL SURVEY WEBSITE.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM AN AERIAL SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY WINGS AERIAL MAPPING CO. DATED JANUARY 2006.
- BOUNDARY SURVEY PREPARED BY MILDENBERG, BOENDER & ASSOCIATES ON OR ABOUT MARCH, 2006.
- THERE ARE NO WETLANDS, STREAMS, FLOODPLAINS, STEEP SLOPES, HISTORIC STRUCTURES OR CEMETERIES WITHIN THE PROJECT BOUNDARY.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION 410.531.5533
 - BGE(CONTRACTOR SERVICES) 410.850.4600
 - BGE(UNDERGROUND DAMAGE CONTROL) 410.787.9068
 - MISS UTILITY 1.800.257.7777
 - COLONIAL PIPELINE COMPANY 410.795.1390
 - HOWARD COUNTY, DEPT. OF PUBLIC WORKS, BUREAU OF UTILITIES 410.313.4500
 - HOWARD COUNTY HEALTH DEPARTMENT 410.313.2640
 - AT&T 1.800.252.1133
 - VERIZON 1.800.743.0033/410.224.5210
- PREVIOUS HOWARD COUNTY FILE NUMBERS: S-86-013, CONTR #44-4480-D, CONTR #24-3447-D, PB-181, PB-294, PB-300, PB-351; PB-368, S-08-001, S-11-003, SDP-13-038, ECP-13-041, F-97-069, F-97-158, SDP-94-080, SDP-98-148.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY IN ADDITION TO ANY STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- EXISTING UTILITIES ARE LOCATED BY THE USE OF ANY OR ALL OF THE FOLLOWING: ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER PLANS AND OTHER AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF THE EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL HDPE PIPE SPECIFICATION AND INSTALLATION SHALL MEET AASHTO M-252 TYPE S, M-294 TYPE S AND ASTM D2321, RESPECTIVELY.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST, PRIOR TO CONSTRUCTION.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NUMBERS 0012 AND 18E1 WERE USED FOR THIS PROJECT.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING REQUIREMENTS:
 - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).
 - SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MINIMUM).
 - GEOMETRY - MAXIMUM 14% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS.
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING).
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- ALL DITCHES AND SWALES WILL HAVE EROSION CONTROL MATTING.
- THIS PROJECT IS EXEMPT FROM THE HOWARD COUNTY FOREST CONSERVATION REQUIREMENTS UNDER SECTION 16.12202(b)(1)(iv) OF THE HOWARD COUNTY CODE SINCE IT IS A PLANNED UNIT DEVELOPMENT WHICH HAD PRELIMINARY PLAN APPROVAL AND 50% OR MORE OF THE LAND WAS RECORDED AND SUBSTANTIALLY DEVELOPED BEFORE DECEMBER 31, 1992.
- STREET LIGHT PLACEMENT AND THE TYPE OF FIXTURE AND POLES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME II (2006), SECTION 5.5.A. A MINIMUM OF TWENTY FEET (20') SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE.
- THIS PROJECT IS SUBJECT TO THE TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, INC. UNDER S-86-13, UPDATED IN MARCH 2004 AND FURTHER UPDATED VIA LETTER DATED 1-29-2014.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- THE REQUIRED OPEN SPACE FOR THIS PLAN WILL BE PROVIDED UNDER THE TURF VALLEY CLUBHOUSE PHASE I DEVELOPMENT.
- THIS PROJECT HAS BEEN DESIGNED IN COMPLIANCE WITH THE THIRD AMENDMENT TO THE TURF VALLEY MULTI-USE SUB-DISTRICT FINAL DEVELOPMENT PLAN.
- STORM WATER MANAGEMENT IS PROVIDED FOR THIS PROJECT IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II, AS AMENDED BY THE STORMWATER MANAGEMENT ACT OF 2007. STORMWATER MANAGEMENT OBLIGATIONS ARE BEING MET BY THE USE OF TWO BIORETENTION FACILITIES (F-5) AND AN POND (P-3). ALL FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED. THESE FACILITIES ARE SHOWN AND APPROVED AND CONSTRUCTED UNDER TURF VALLEY REGIONAL STORMWATER MANAGEMENT FACILITIES, SDP-13-038.
- TRAFFIC CONTROL DEVICES:
 - THE R-1-1 (STOP) SIGN AND THE STREET NAME SIGN (SNS) ASSEMBLY FOR THIS DEVELOPMENT MUST BE INSTALLED BEFORE THE BASE PAVING IS COMPLETED.
 - THE TRAFFIC CONTROL DEVICE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MUST BE FIELD APPROVED BY HOWARD COUNTY TRAFFIC DIVISION (410-313-2430) PRIOR TO THE INSTALLATION OF ANY OF THE TRAFFIC CONTROL DEVICES.
 - ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD).
 - ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED (QUICKPUNCH), SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. THE ANCHOR SHALL NOT EXTEND MORE THAN TWO "QUICKPUNCH" HOLES ABOVE THE GROUND. A GALVANIZED STEEL POLE GAP SHALL BE MOUNTED ON TOP OF EACH POST.
- THE SIDEWALK RAMPS SHALL BE PER THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, DETAILS R-4.01 AND R-4.05. INCLUDE DETECTABLE WARNING SURFACES ON ALL HANDICAP RAMPS PER DETAIL R-4.07.

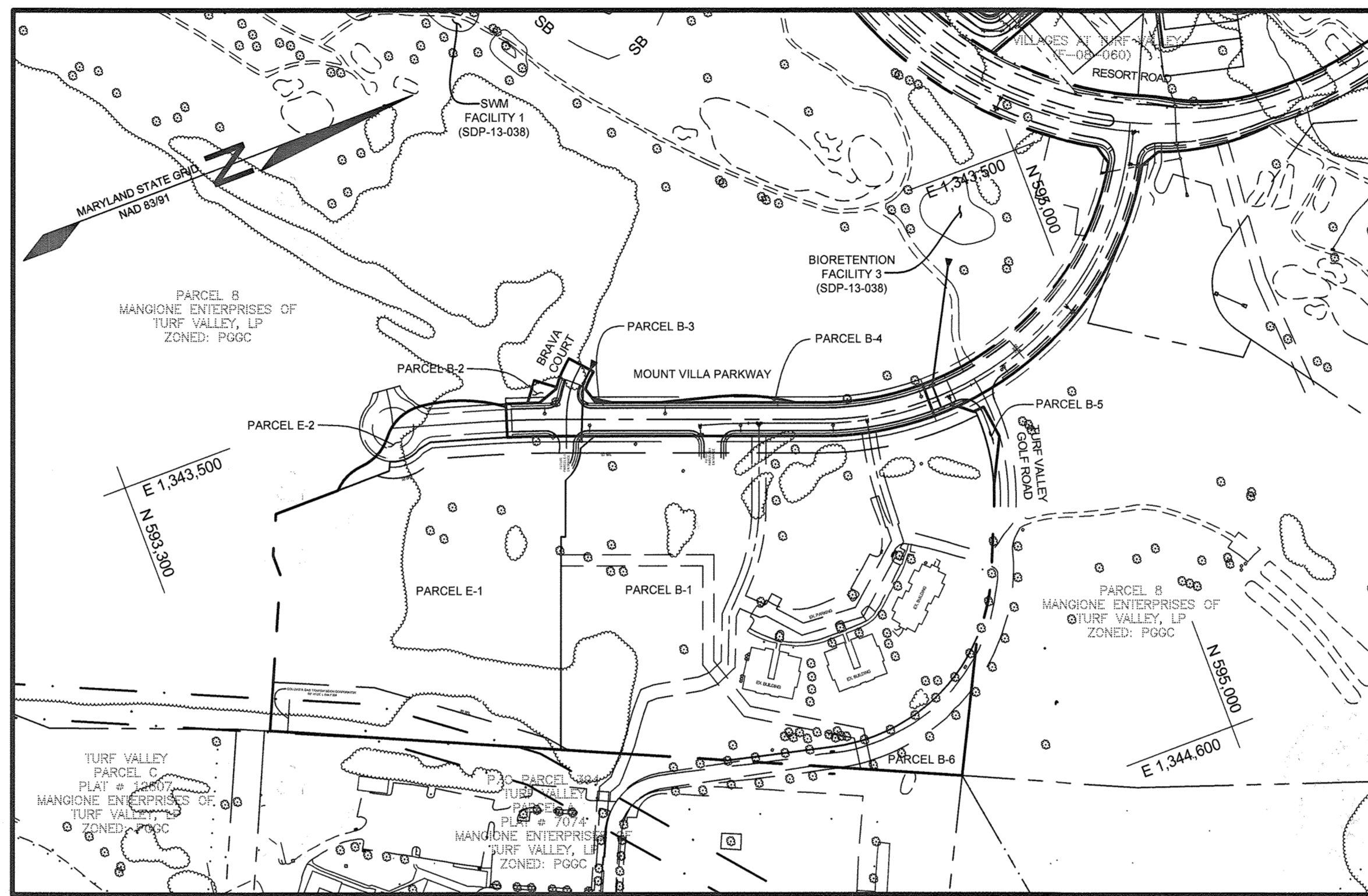
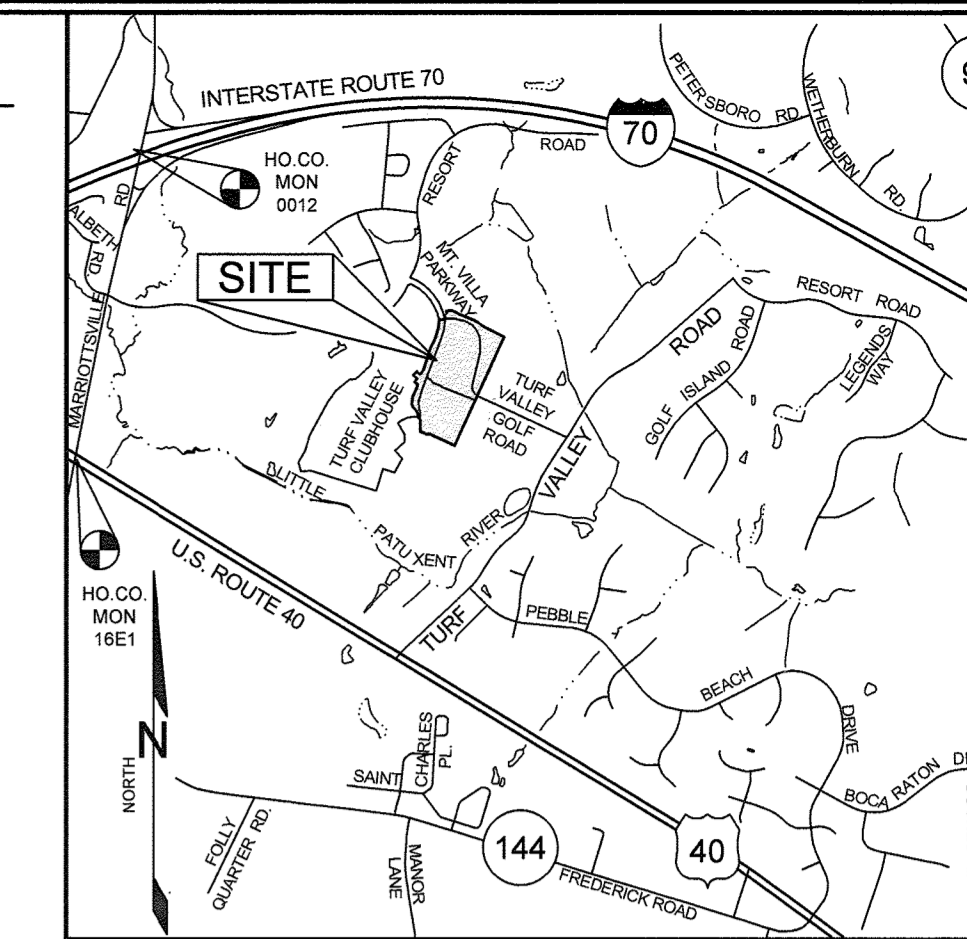
FINAL ROAD CONSTRUCTION PLAN

TURF VALLEY

PARCELS E-1 & B-1 AND NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6 HOWARD COUNTY, MARYLAND

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING STREAMBANK BUFFER
- EXISTING UTILITY POLE
- PROPOSED LIGHT POLE
- PROPOSED 4" PVC STREET LIGHT CONDUIT WITH PULL STRING, 18" TO 24" DEEP



RIGHT OF WAY ELEVATION CHART

R/W PT. NO.	DESCRIPTION	ELEVATION
105	REBAR & CAP	494.47'
117	REBAR & CAP	497.23'
125	CONC. MON.	496.35'
132	REBAR & CAP	492.60'
133	REBAR & CAP	496.23'
134	REBAR & CAP	496.24'
137	REBAR & CAP	492.67'
139	REBAR & CAP	497.71'
140	REBAR & CAP	497.87'
141	REBAR & CAP	496.92'
142	REBAR & CAP	498.34'
154	REBAR & CAP	493.27'

BENCHMARKS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
18E1	593,250.960	1,340,192.700	493.981	STAMPED BRASS DISK SET ON TOP OF A 3 FOOT DEEP COLUMN OF CONCRETE.
0012	596,502.760	1,340,864.370	496.298	STAMPED BRASS DISK SET ON TOP OF A 3 FOOT DEEP COLUMN OF CONCRETE.

ROAD CLASSIFICATION

ROAD NAME	CLASSIFICATION	PAVING TYPE	DESIGN SPEED	R/W
MOUNT VILLA PARKWAY	PUBLIC ACCESS STREET	P-3	40	60'
BRAVA COURT	PUBLIC ACCESS STREET	P-3	25	50'

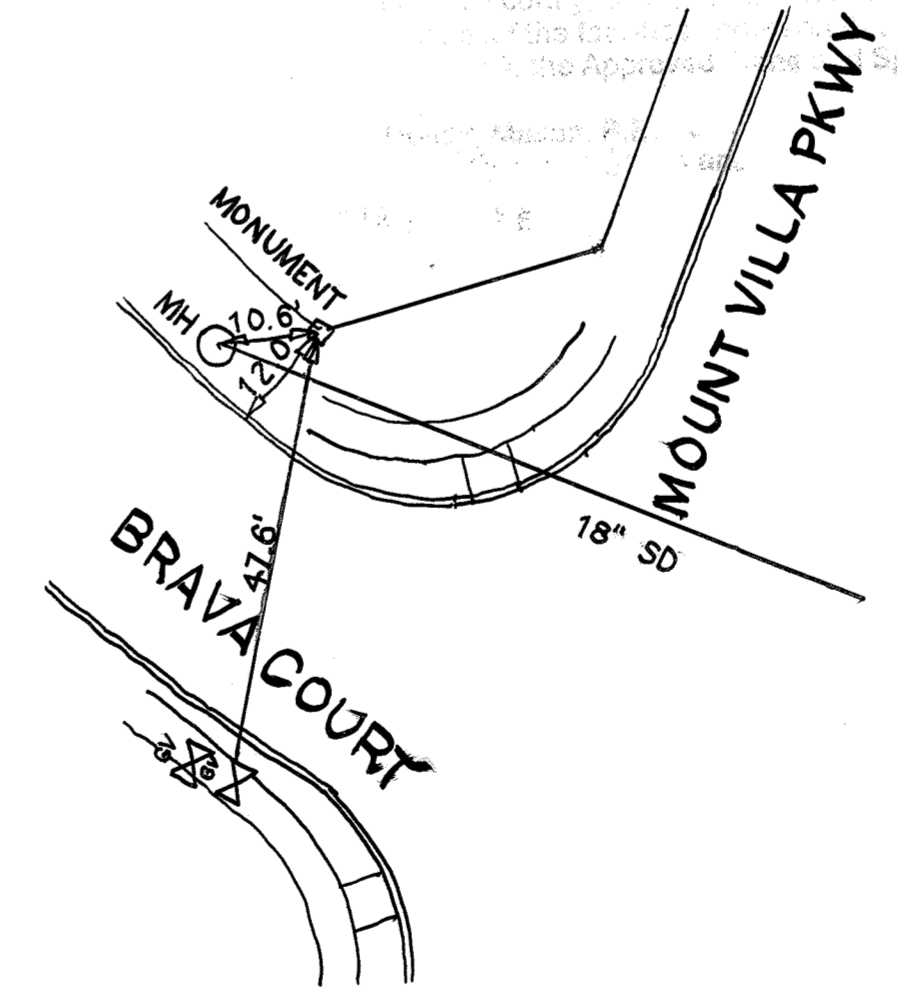
SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	ROAD PLAN AND PROFILE MOUNT VILLA PARKWAY
3	ROAD PLAN AND PROFILE BRAVA COURT
4	GRADING, SEDIMENT AND EROSION CONTROL PLAN
5	SEDIMENT AND EROSION CONTROL NOTES AND DETAILS
6	STORM DRAIN PROFILE AND DRAINAGE AREA MAP
7	STRIPING, STREET LIGHT AND SIGNAGE PLAN
8	STREET TREE PLAN

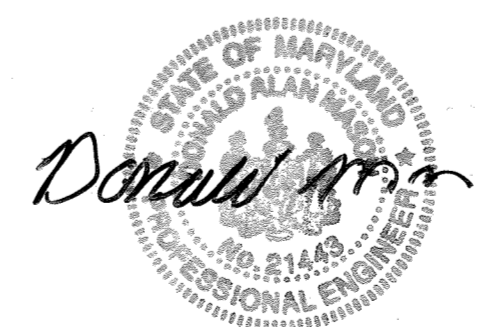
CENTERLINE ROAD CURVE DATA

CURVE	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C1	238.99	550.00'	24°53'49"	N 08°19'04" E	237.12'
C2	80.45'	2,000.00'	02°18'17"	S 19°36'50" W	80.45'
C3	180.00'	88.42'	28°08'43"	S 55°09'40" E	87.53'

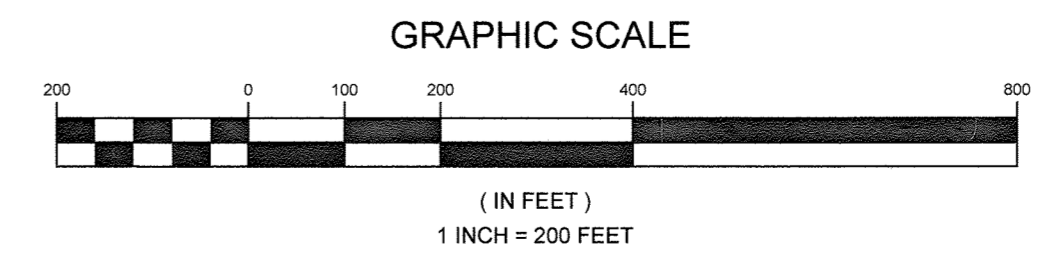
- AS-BUILT NOTES:**
- HORIZONTAL AND VERTICAL DATUM FOR THIS AS-BUILT IS BASED ON THE MARYLAND STATE REFERENCE SYSTEM, NAD 83/ ADJ. DATAS PROJECTED FROM HO. CO. GEODETIC CONTROL STATIONS 18E1 AND 0012.
 - THE INSTRUMENTS USED IN PERFORMING THE AS-BUILT WERE A 5" TOTAL STATION AND PRISM AND RTK GPS.
 - THIS AS-BUILT WAS PERFORMED BY BENCHMARK ENGINEERING, INC.



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 21443, Expiration Date: 12/12/20



AS-BUILT CERTIFICATION
 I hereby certify, by my seal, that to the best of my knowledge and belief the facilities shown on this "AS-BUILT" Plan meet the Approved Plans and Specifications
 Donald Mason, P.E. Date: 11/2/19



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 7-16-14
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

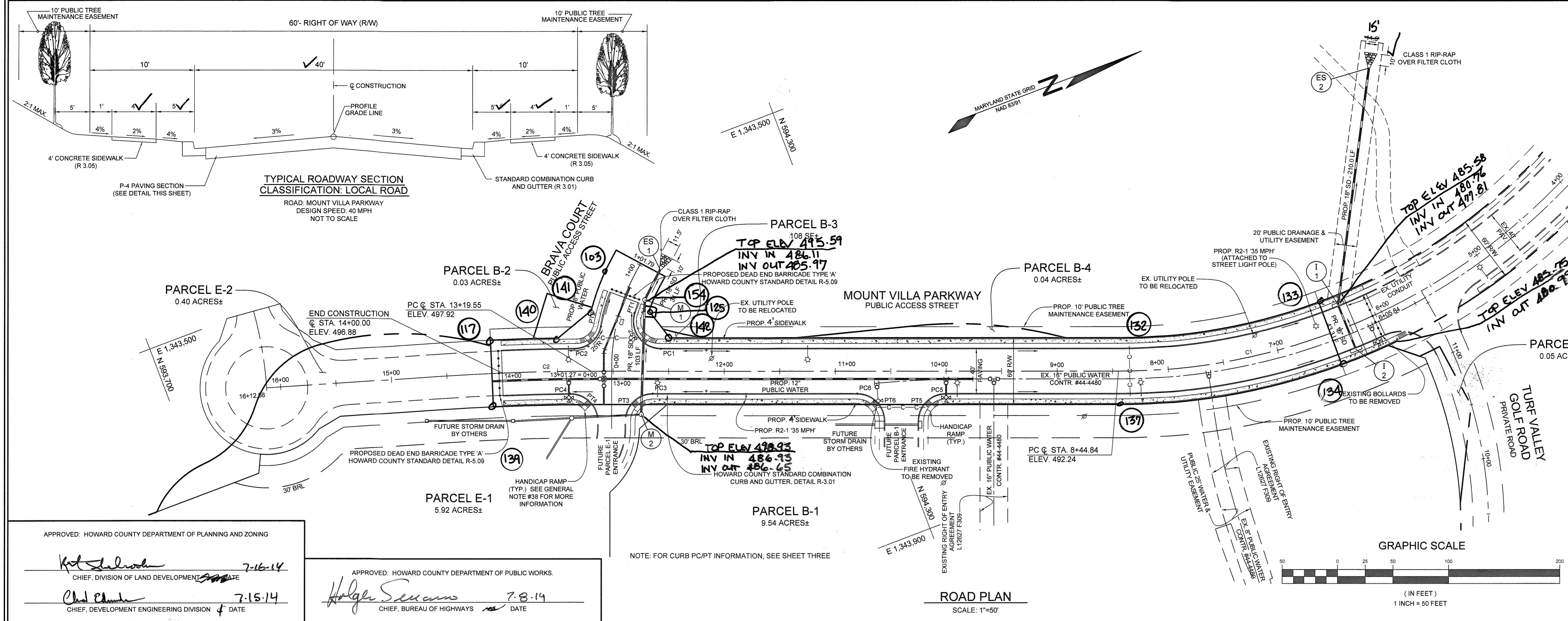
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 7-8-14
 CHIEF, BUREAU OF HIGHWAYS DATE

OWNER/DEVELOPER
 MANGIONE ENTERPRISES OF TURF VALLEY, LP
 1205 YORK ROAD, PENTHOUSE
 LUTHERVILLE, MARYLAND 21093
 410.825.8400

COVER SHEET
TURF VALLEY
 PARCELS E-1 & B-1 AND NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6
 TAX MAP 16 GRID 19 PART OF PARCELS 8 AND 394
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: JUNE 27, 2014
 PROJECT #: 14-001
 SHEET #: 1 of 8

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2015



PAVING SECTIONS						
SEC. NO.	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)				
		3 TO <5 TO <7	27	3 TO <5 TO <7	27	
P-4	MINOR COLLECTORS: NON-RESIDENTIAL MAJOR COLLECTORS	HMA SUPERPAVE FINAL SURFACE 12.5 MM, PG 64-22, LEVEL 2 (LOW ESAL)	2.0	2.0	2.0	2.0
		HMA SUPERPAVE INTERMEDIATE SURFACE 12.5 MM, PG 64-22, LEVEL 2 (LOW ESAL)	2.0	2.0	2.0	2.0
		HMA SUPERPAVE BASE 19.0 MM, PG 64-22, LEVEL 2 (LOW ESAL)	4.0	4.0	3.0	5.0
		GRADED AGGREGATE BASE (GAB)	13.0	7.0	4.0	6.0

- NOTES:
- HEAVY TRUCKS ARE DEFINED AS THOSE WITH SIX (6) WHEELS OR MORE INCLUDING GARBAGE TRUCKS.
 - HMA SUPERPAVE LAYERS SHALL BE PLACED IN APPROPRIATE COMPACTED LIFT THICKNESS: 19.0 MM BASE (2" MIN TO 4" MAX), 12.5 MM SURFACE (1" MIN TO 3" MAX), AND 9.5 MM SURFACE (1" MIN TO 2" MAX).
 - GRADED AGGREGATE BASE (GAB) IS TO BE PLACED AND COMPACTED IN 6" MAX COMPACTED THICKNESS LAYERS.
 - THE INTERMEDIATE SURFACE COURSE LAYER MUST BE PLACED WITHIN 2 WEEKS OF PLACEMENT OF BASE COURSE, AND IS REQUIRED PRIOR TO SUBSTANTIAL COMPLETION INSPECTION AND BOND REDUCTION.
 - IN LIEU OF PLACING THE INTERMEDIATE SURFACE COURSE LAYER FOR COMMERCIAL/INDUSTRIAL ENTRANCE APRONS WITHIN THE COUNTY RIGHT-OF-WAY WHERE AUXILIARY LANES ARE NOT REQUIRED, THE THICKNESS OF THE INTERMEDIATE PAVEMENT LAYER CAN BE ADDED TO THE REQUIRED THICKNESS OF THE BASE ASPHALT LAYER.
 - THE CONSTRUCTION DRAWINGS SHALL SHOW THE PAVING SECTION, ROAD CLASSIFICATION AND CBR VALUE FOR EACH ROADWAY.

REV.	DATE	BY	REVISION
1	05.2019	BEI	REVISE SIDEWALK LABEL IN PLAN VIEW TO BE 'A'

ROAD PLAN AND PROFILE
MOUNT VILLA PARKWAY
TURF VALLEY
 PARCELS E-1 & B-1 AND
 NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6

TAX MAP 16 GRID 19
 3RD ELECTION DISTRICT

PART OF PARCELS 8 AND 394
 HOWARD COUNTY, MARYLAND

SILL ENGINEERING GROUP, LLC

3300 North Ridge Road, Suite 160
 Ellicott City, Maryland 21043
 Phone: 443.325.7682
 Fax: 443.325.7685
 Email: info@sillengineering.com
 Civil Engineering for Land Development

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: JUNE 27, 2014
 PROJECT #: 14-001
 SHEET #: 2 OF 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

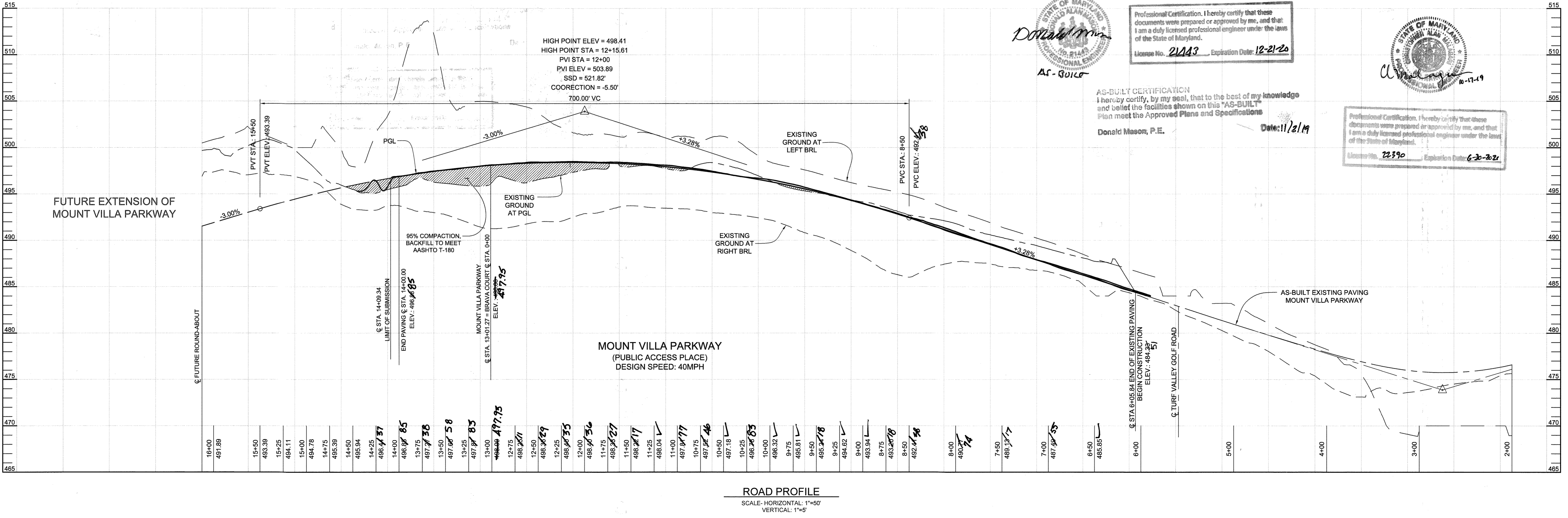
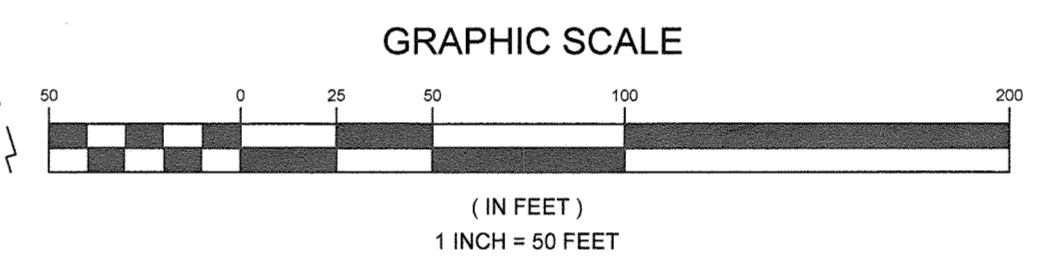
Kot Shiroka 7-16-14
 CHIEF, DIVISION OF LAND DEVELOPMENT

Chad Church 7-15-14
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Holger Saxena 7-8-14
 CHIEF, BUREAU OF HIGHWAYS

ROAD PLAN
 SCALE: 1"=50'



Donald Mason
 P.E.
 License No. 21443 Expiration Date: 12-21-20

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

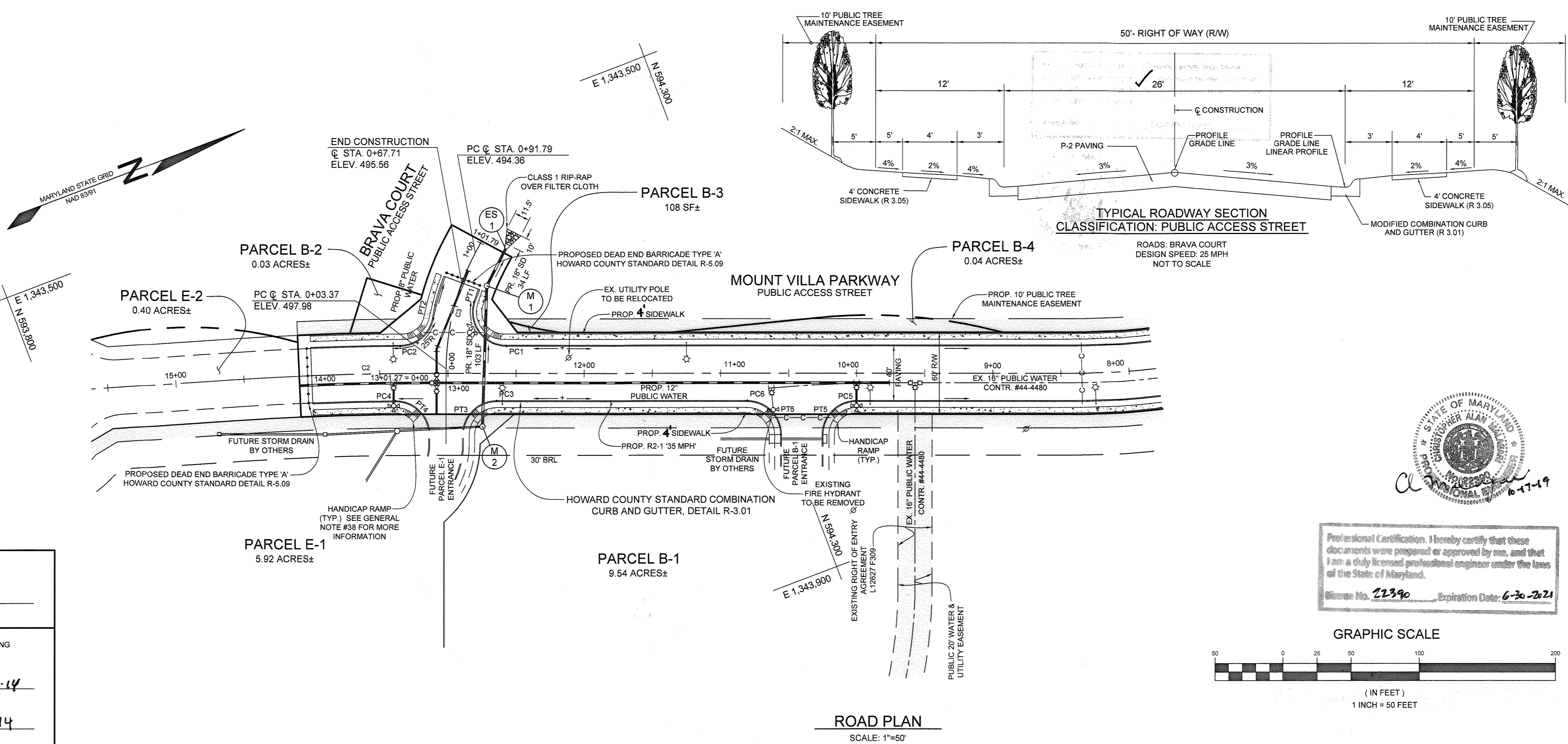
AS-BUILT CERTIFICATION
 I hereby certify, by my seal, that to the best of my knowledge and belief the facilities shown on this "AS-BUILT" Plan meet the Approved Plans and Specifications

Donald Mason, P.E. Date: 11/21/19

Clayton
 P.E.
 License No. 22390 Expiration Date: 6-30-2021

FILLET DATA			
FILLET	ROAD NAME	Q STA	ELEVATION
PC1	MOUNT VILLA PARKWAY	12+57.02	497.78
PT1	BRAVA COURT	0+56.93	495.66
PC2	MOUNT VILLA PARKWAY	13+34.92	497.72
PT2	BRAVA COURT	0+37.90	496.55
PC3	MOUNT VILLA PARKWAY	12+64.27	497.77
PT3	PARCEL E-1	0+30.00	495.08
PC4	MOUNT VILLA PARKWAY	13+38.70	497.72
PT4	PARCEL E-1	0+30.00	497.51
PC5	MOUNT VILLA PARKWAY	10+00.25	495.84
PT5	PARCEL B-1	0+30.00	495.91
PC6	MOUNT VILLA PARKWAY	10+80.25	495.91
PT6	PARCEL B-1	0+30.00	497.49

* ELEVATIONS ARE TO THE FACE OF CURB AT THE FLOWLINE.



PAVING SECTIONS						
SEC NO.	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)	3 TO <5 TO <7		27	
			MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB
P-3	PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY	HMA SUPERPAVE FINAL SURFACE 9.5 MM, PG 64-22, LEVEL 1 (ESAL)	1.5	1.5	1.5	1.5
	ACCESS PLACE ACCESS STREET CUL-DE-SACS: NON-RESIDENTIAL MINOR COLLECTORS: RESIDENTIAL	HMA SUPERPAVE INTERMEDIATE SURFACE 9.5 MM, PG 64-22, LEVEL 1 (ESAL) HMA SUPERPAVE BASE 19.0 MM, PG 64-22, LEVEL 1 (ESAL) GRADED AGGREGATE BASE (GAB)	1.0	1.0	1.0	1.0
			3.0	3.0	4.5	3.0
			10.0	6.0	3.0	6.0

NOTES:

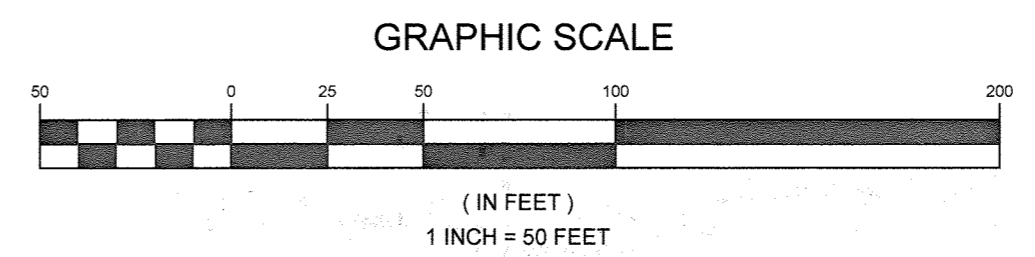
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- GRADED AGGREGATE BASE (GAB) TO BE PLACED AND COMPACTED IN 6" MAX COMPACTED THICKNESS LAYERS.
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- IN LIEU OF PLACING THE INTERMEDIATE SURFACE COURSE LAYER FOR COMMERCIAL/INDUSTRIAL ENTRANCE APRONS WITHIN THE COUNTY RIGHT-OF-WAY WHERE AUXILIARY LANES ARE NOT REQUIRED, THE THICKNESS OF THE INTERMEDIATE PAVEMENT LAYER CAN BE ADDED TO THE REQUIRED THICKNESS OF THE BASE ASPHALT LAYER.
- THE CONSTRUCTION DRAWINGS SHALL SHOW THE PAVING SECTION, ROAD CLASSIFICATION AND CBR VALUE FOR EACH ROADWAY.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
Holger Sencow 7-8-14
CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Keith Sencow 7-16-14
CHIEF, DIVISION OF LAND DEVELOPMENT

Chad Edman 7-15-14
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 21390 Expiration Date: 6-30-2021



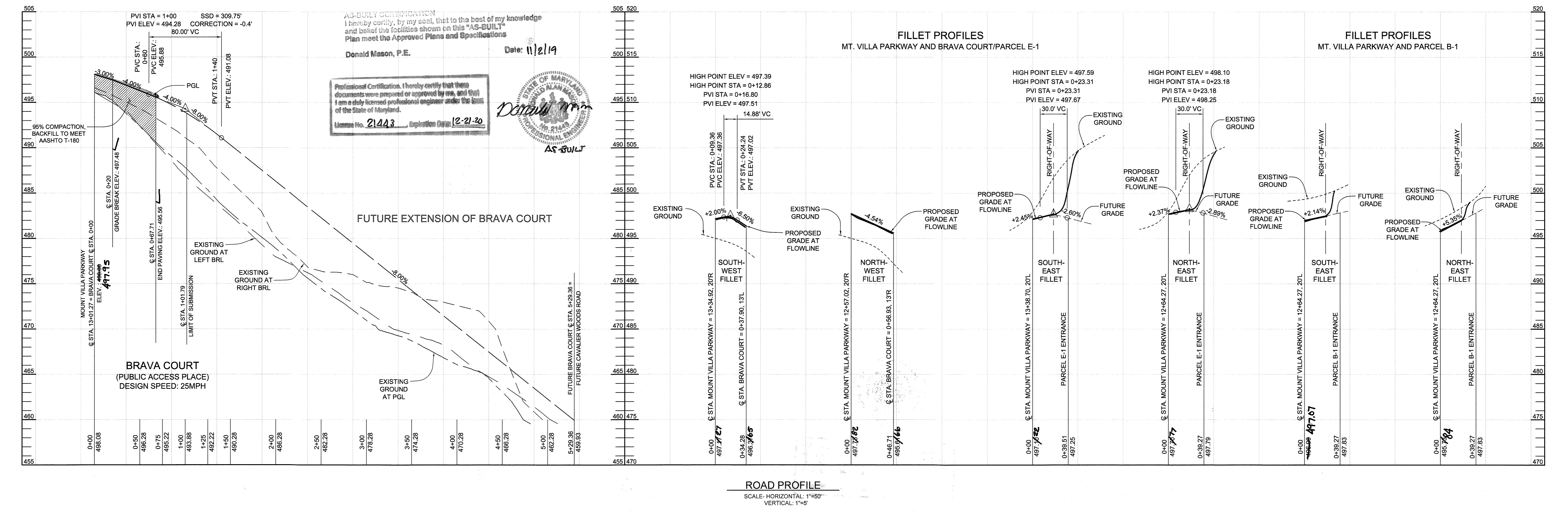
ROAD PLAN AND PROFILE
BRAVA COURT
TURF VALLEY
PARCELS E-1 & B-1 AND
NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6

TAX MAP 16 GRID 19
3RD ELECTION DISTRICT

PART OF PARCELS 8 AND 394
HOWARD COUNTY, MARYLAND

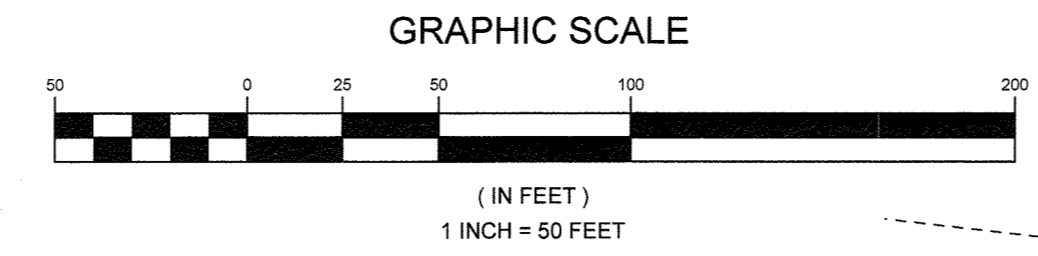
DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: PS
SCALE: AS SHOWN
DATE: JUNE 27, 2014
PROJECT #: 14-001
SHEET #: 3 OF 8

SILL ENGINEERING GROUP, LLC
3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682
Fax: 443.325.7685
Email: info@sillengineering.com
Civil Engineering for Land Development



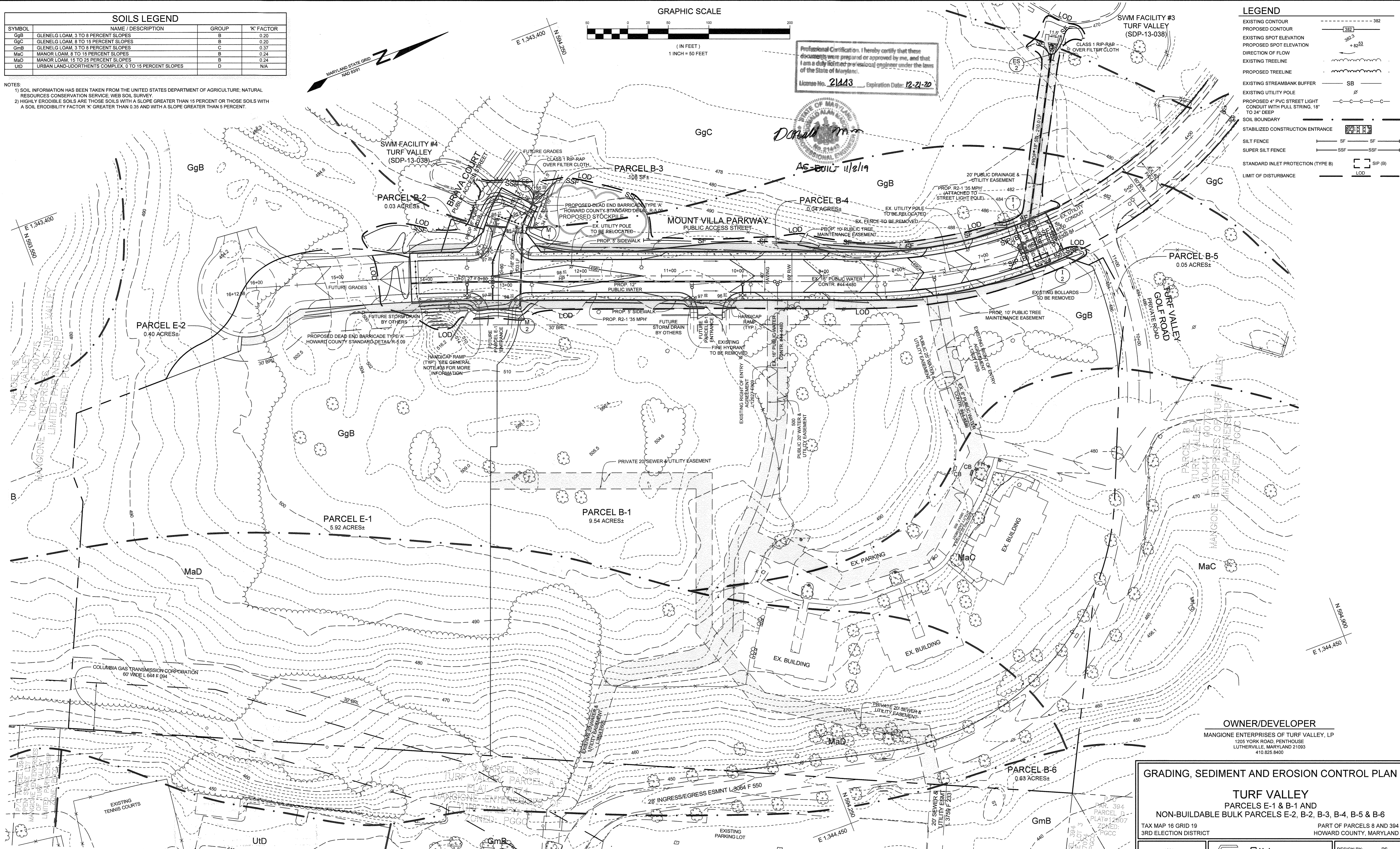
SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	0.20
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	0.20
GmB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	C	0.37
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	0.24
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.24
Ud	URBAN LAND-UDORTHERTS COMPLEX, 0 TO 15 PERCENT SLOPES	D	N/A

NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
 2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.



Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 21443 Expiration Date: 12-21-20

LEGEND	
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EXISTING SPOT ELEVATION	+
PROPOSED SPOT ELEVATION	+
DIRECTION OF FLOW	→
EXISTING TREELINE	~
PROPOSED TREELINE	~
EXISTING STREAMBANK BUFFER	SB
EXISTING UTILITY POLE	⊘
PROPOSED 4" PVC STREET LIGHT CONDUIT WITH PULL STRING, 18" TO 24" DEEP	—C—C—C—C—
SOIL BOUNDARY	- - - - -
STABILIZED CONSTRUCTION ENTRANCE	▢
SILT FENCE	SF
SUPER SILT FENCE	SSF
STANDARD INLET PROTECTION (TYPE B)	SIP (B)
LIMIT OF DISTURBANCE	LOD



OWNER/DEVELOPER
 MANGIONE ENTERPRISES OF TURF VALLEY, LP
 1205 YORK ROAD, FENTHOUSE
 LUTHERVILLE, MARYLAND 21033
 410.825.8400

GRADING, SEDIMENT AND EROSION CONTROL PLAN
TURF VALLEY
 PARCELS E-1 & B-1 AND
 NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6
 TAX MAP 16 GRID 19
 3RD ELECTION DISTRICT
 PART OF PARCELS 8 AND 394
 HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Veronica 7-16-14
 CHIEF, DIVISION OF LAND DEVELOPMENT
Chad 7-15-14
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
Holger 7-8-14
 CHIEF, BUREAU OF HIGHWAYS

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John K. Klotz 7/12/14
 HOWARD SCD

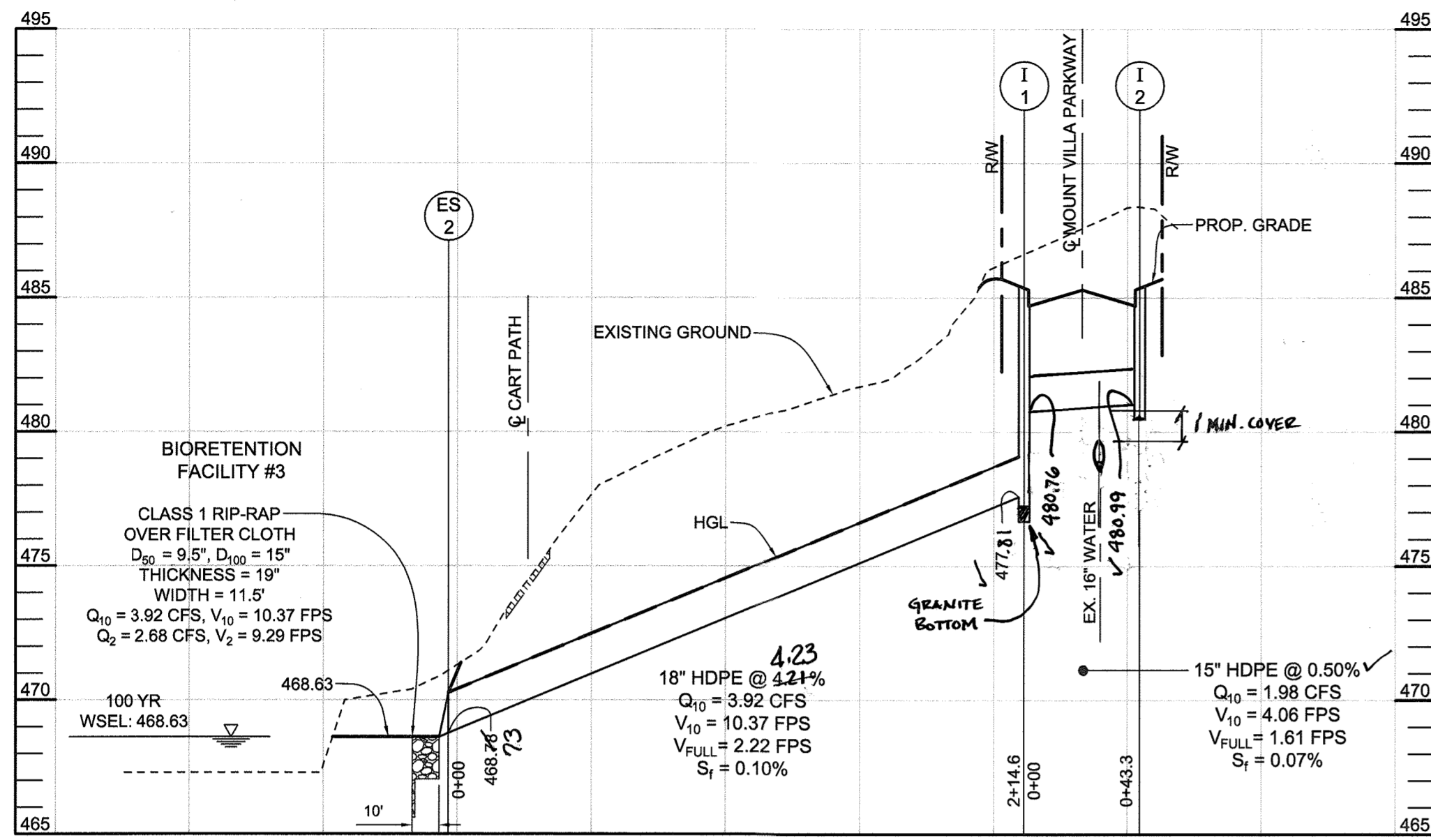
ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
Paul M. Sill
 SIGNATURE OF ENGINEER
 PAUL M. SILL, P.E.

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERSONNEL ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
Chad
 SIGNATURE OF DEVELOPER

"NO AS-BUILT INFORMATION IS PROVIDED ON THIS SHEET"

SILL ENGINEERING GROUP, LLC
 3300 North Ridge Road, Suite 160
 Ellicott City, Maryland 21043
 Phone: 443.325.7682
 Fax: 443.325.7685
 Email: info@sillengineering.com
 Civil Engineering for Land Development

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SCALE: 1" = 50'
 DATE: JUNE 27, 2014
 PROJECT #: 14-001
 SHEET #: 4 of 8



STORM DRAIN PROFILE

SCALE: HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

STRUCTURE SCHEDULE						
NO.	TYPE & OWNERSHIP	LOCATION	TOP ELEV.	INV. IN.	INV. OUT.	REMARKS
M-1	STANDARD 4' MANHOLE, PUBLIC (4)	C STA. 0+72.88, 17.9' RIGHT	495.63	488.11	485.99	G-5.12
M-2	STANDARD 4' MANHOLE, PRIVATE (4)	C STA. 12+74.59, 38.9' LEFT	498.25	486.73	485.21	G-5.12
I-1	TYPE 'A'-10' INLET, PUBLIC	C STA. 6+33.94, 20' RIGHT	485.25	482.79	477.91	D-4.03
I-2	TYPE 'A'-10' INLET, PUBLIC	C STA. 6+33.94, 20' LEFT	485.25	482.79	477.91	D-4.03
ES-1	HDPE END SECTION	N 594.155.2 E 1.343.595.0	487.09	488.73	488.73	MANHOLES SHALL BE 18\"/>
ES-2	HDPE END SECTION	N 594.181.3 E 1.343.652.4	470.31	468.76	468.76	MANHOLES SHALL BE 18\"/>

- NOTES:
- TOP ELEVATIONS FOR TYPE 'A'-10' INLETS ARE TO THE CENTER OF INLET AT THE TOP, FACE OF CURB.
 - TOP ELEVATIONS OF MANHOLES ARE TO THE CENTER OF MANHOLE COVER.
 - TOP SLOPE OF STRUCTURES TO CONFORM TO SLOPE OF PAVING.
 - STORM DRAIN PIPE BETWEEN M-1 AND M-2 TO BE PRIVATELY OWNED AND MAINTAINED.

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15" HDPE	HDPE	44 LF
18" HDPE	HDPE	357 LF

RIP RAP OUTLET PROTECTION CHART					
OUTLET LOCATION	LENGTH (L _o)	WIDTH (W)	PIPE DIAMETER (d)	DISCHARGE CLASS	CLASS
ES-1	10 FT	11.5 FT	18 INCH	10 YR - 6.22 CFS	I
ES-2	10 FT	11.5 FT	18 INCH	10 YR - 3.92 CFS	I

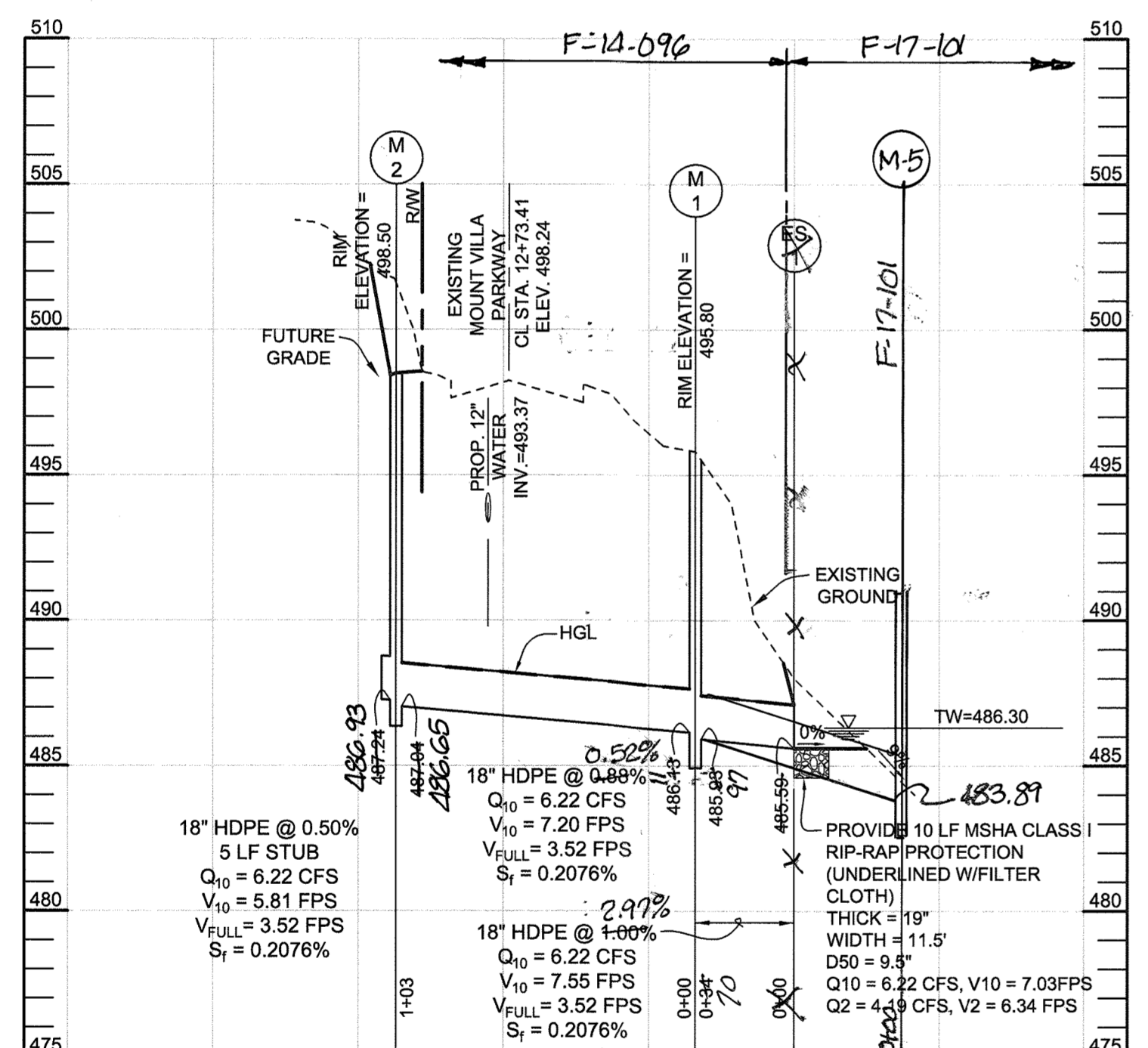
NOTE: FOR DETAIL SEE SHEET 5.

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	0.20
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	0.20
GmB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	C	0.37
MiC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	0.24
MiD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.24
UID	URBAN LAND-UDORTHEMICS COMPLEX, 0 TO 15 PERCENT SLOPES	D	N/A

- NOTES:
- SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
 - HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

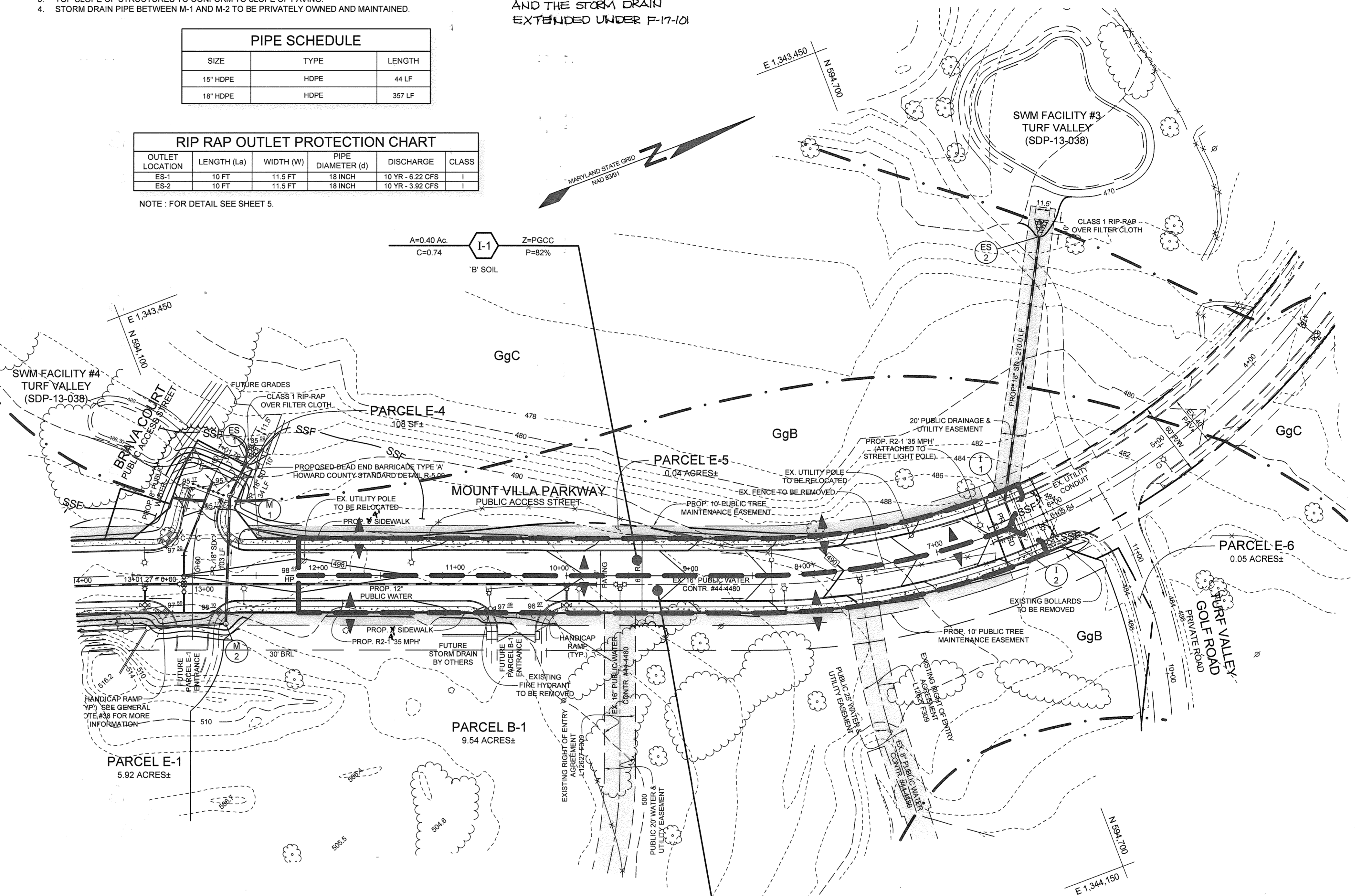
LEGEND	
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EXISTING SPOT ELEVATION	382.5
PROPOSED SPOT ELEVATION	+82.53
DIRECTION OF FLOW	→
EXISTING TREELINE	~
PROPOSED TREELINE	~
EXISTING STREAMBANK BUFFER	SB
EXISTING UTILITY POLE	⊗
PROPOSED 4" PVC STREET LIGHT CONDUIT WITH PULL STRING, 18" TO 24" DEEP	—C—C—C—C—C—C—

* ES-1 HAS BEEN REMOVED AND THE STORM DRAIN EXTENDED UNDER F-17-101



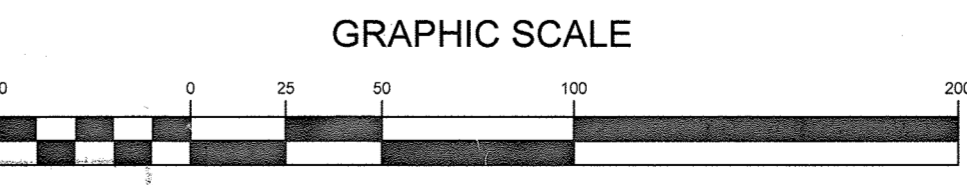
STORM DRAIN PROFILE

SCALE: HORIZONTAL: 1"=50'
VERTICAL: 1"=5'



PLAN VIEW

SCALE: 1"=50'



GRAPHIC SCALE

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 21443, Expiration Date: 12-21-20



AS-BUILT CERTIFICATION. I hereby certify, by my seal, that to the best of my knowledge and belief the facilities shown on this "AS-BUILT" Plan meet the Approved Plans and Specifications.
Donald Mason, P.E. Date: 11/21/19

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 22390, Expiration Date: 6-30-2020



OWNER/DEVELOPER
MANGIONE ENTERPRISES OF TURF VALLEY, LP
1205 YORK ROAD, PENTHOUSE
LUTHERVILLE, MARYLAND 21093
410.825.8400

STORM DRAIN PROFILE AND DRAINAGE AREA MAP
TURF VALLEY
PARCELS E-1 & B-1 AND
NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6

TAX MAP 16 GRID 19 PART OF PARCELS 8 AND 394
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SILL ENGINEERING GROUP, LLC
3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682
Fax: 443.325.7685
Email: info@sillengineering.com
Civil Engineering for Land Development

DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: PS
SCALE: AS SHOWN
DATE: JUNE 27, 2014
PROJECT #: 14-001
SHEET #: 6 of 8

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2015

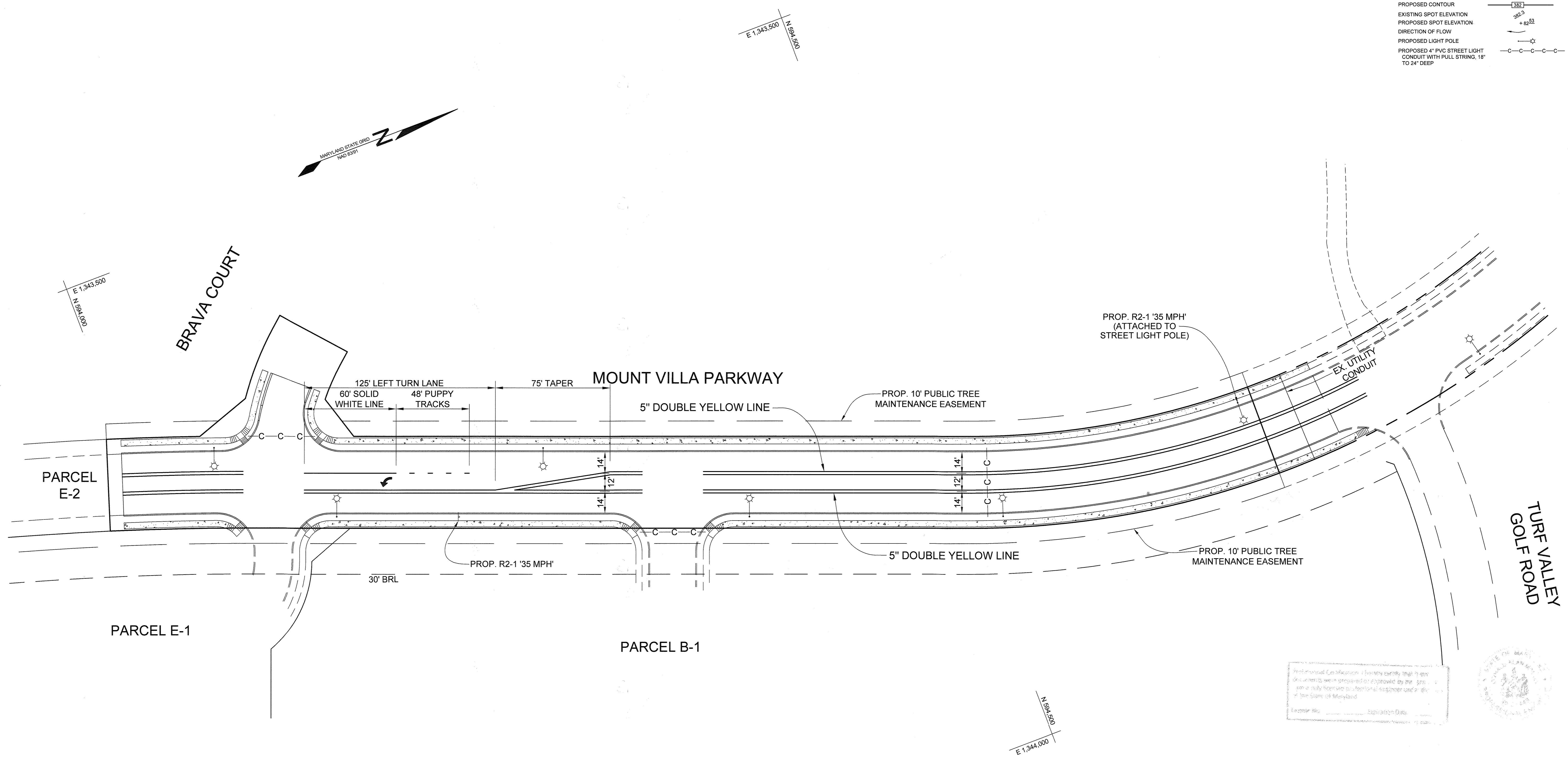
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
V. ... 7-16-14
CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
K. ... 7-8-14
CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
C. ... 7-15-14
CHIEF, DEVELOPMENT ENGINEERING DIVISION

LEGEND

EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EXISTING SPOT ELEVATION	382.3
PROPOSED SPOT ELEVATION	+82.53
DIRECTION OF FLOW	→
PROPOSED LIGHT POLE	☆
PROPOSED 4" PVC STREET LIGHT CONDUIT WITH PULL STRING, 18" TO 24" DEEP	—C—C—C—C—C—



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 21443 Expiration Date: 12-21-20

OWNER/DEVELOPER
 MANGIONE ENTERPRISES OF TURF VALLEY, LP
 1205 YORK ROAD, PENTHOUSE
 LUTHERVILLE, MARYLAND 21093
 410.825.8400

STREET LIGHT TABLE

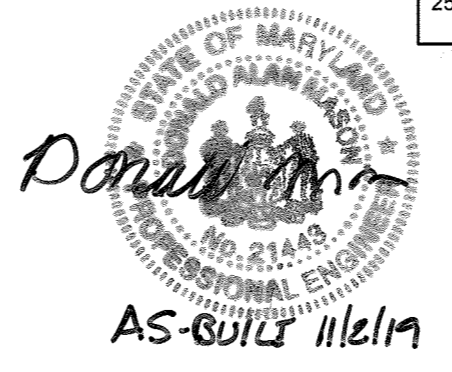
FIXTURE TYPE	POLE TYPE	LOCATION	STREET
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 6+60 22.5' RIGHT	MOUNT VILLA PARKWAY
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 8+25 22.5' LEFT	MOUNT VILLA PARKWAY
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 9+90 22.5' LEFT	MOUNT VILLA PARKWAY
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 11+25 22.5' RIGHT	MOUNT VILLA PARKWAY
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 12+60 22.5' LEFT	MOUNT VILLA PARKWAY
250 WATT HPS VAPOR PENDANT FIXTURE (SAG) MOUNTED TO POLE USING A 12' ARM	30' BRONZE FIBERGLASS	Q STA. 13+40 22.5' RIGHT	MOUNT VILLA PARKWAY

STRIPING, STREET LIGHT AND SIGNAGE PLAN
TURF VALLEY
 PARCELS E-1 & B-1 AND
 NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6
 TAX MAP 16 GRID 19 3RD ELECTION DISTRICT PART OF PARCELS 8 AND 394 HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Karl Steinhilber 7-16-14
 CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Halger Serrano 7-8-14
 CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chad Edman 7-15-14
 CHIEF, DEVELOPMENT ENGINEERING DIVISION



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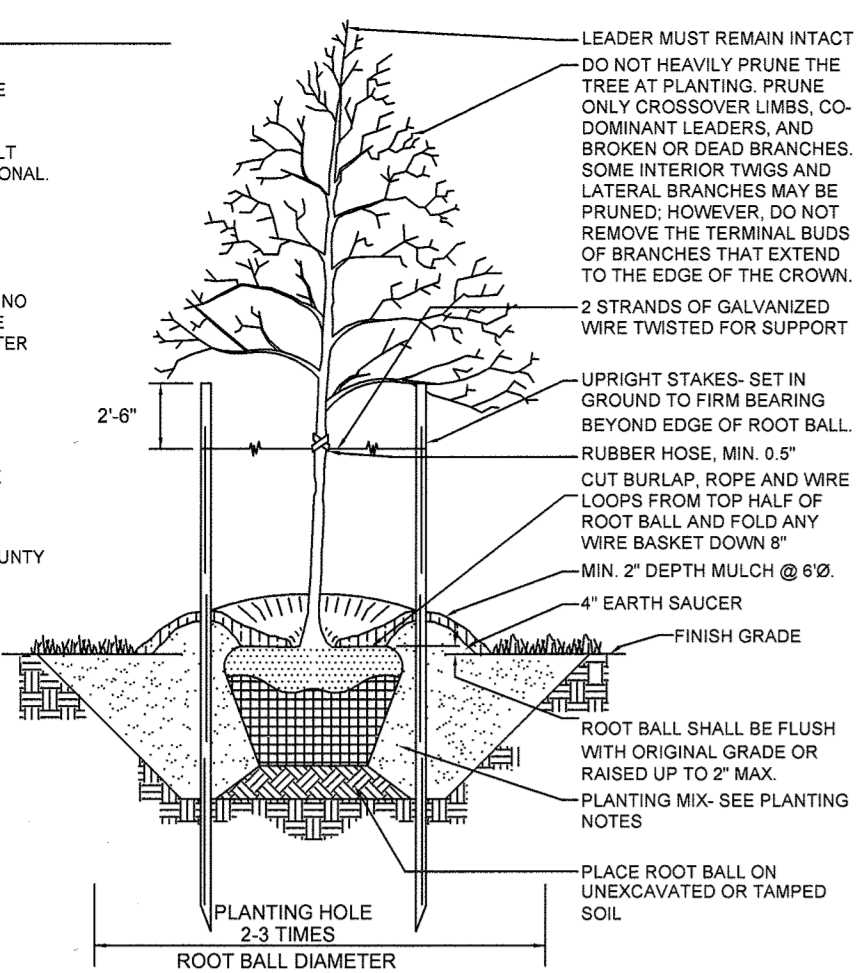
SILL ENGINEERING GROUP, LLC
 3300 North Ridge Road, Suite 160
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 Fax: 443.325.7685
 Email: info@sillengineering.com
 Civil Engineering for Land Development

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SCALE: 1" = 30'
 DATE: JUNE 27, 2014
 PROJECT #: 14-001
 SHEET #: 7 of 8

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2015

NOTES

- CONSULT INTERNATIONAL SOCIETY OF ARBORICULTURE GUIDELINES FOR FURTHER DETAILS OF PLANTING SPECIFICATIONS, OR CONSULT WITH A QUALIFIED PROFESSIONAL.
- EACH TREE SHALL BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL.
- STAKES SHALL BE REMOVED NO LATER THAN THE END OF THE FIRST GROWING SEASON AFTER PLANTING.
- PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
- KEEP MULCH 1" FROM TRUNK.
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.
- TREES ARE NOT TO BE PLANTED OVER PRIVATE SEWER/EASEMENT.



TYPICAL TREE PLANTING AND STAKING
DECIDUOUS TREES UP TO 2-1/2" CALIPER NOT TO SCALE

LANDSCAPE NOTES

- AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPING MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.
- THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.
- FINANCIAL SURETY FOR THE REQUIRED STREET TREES IN THE AMOUNT OF \$12,000.00 (40 SHADE TREES @ \$300.00 EACH) AS DETERMINED BY THE HOWARD COUNTY DEVELOPMENT ENGINEERING DIVISION AS PART OF THE ROAD CONSTRUCTION COST ESTIMATE.
- PERIMETER LANDSCAPING FOR PARCELS B-1 AND E-1 IS NOT REQUIRED SINCE THE ARE LOCATED WITHIN THE TURF VALLEY DEVELOPMENT.
- LANDSCAPING FOR PARCELS E-1 AND B-1 WILL BE PROVIDED FOR AT THE SITE DEVELOPMENT PLAN STAGE.

STREET TREE SCHEDULE

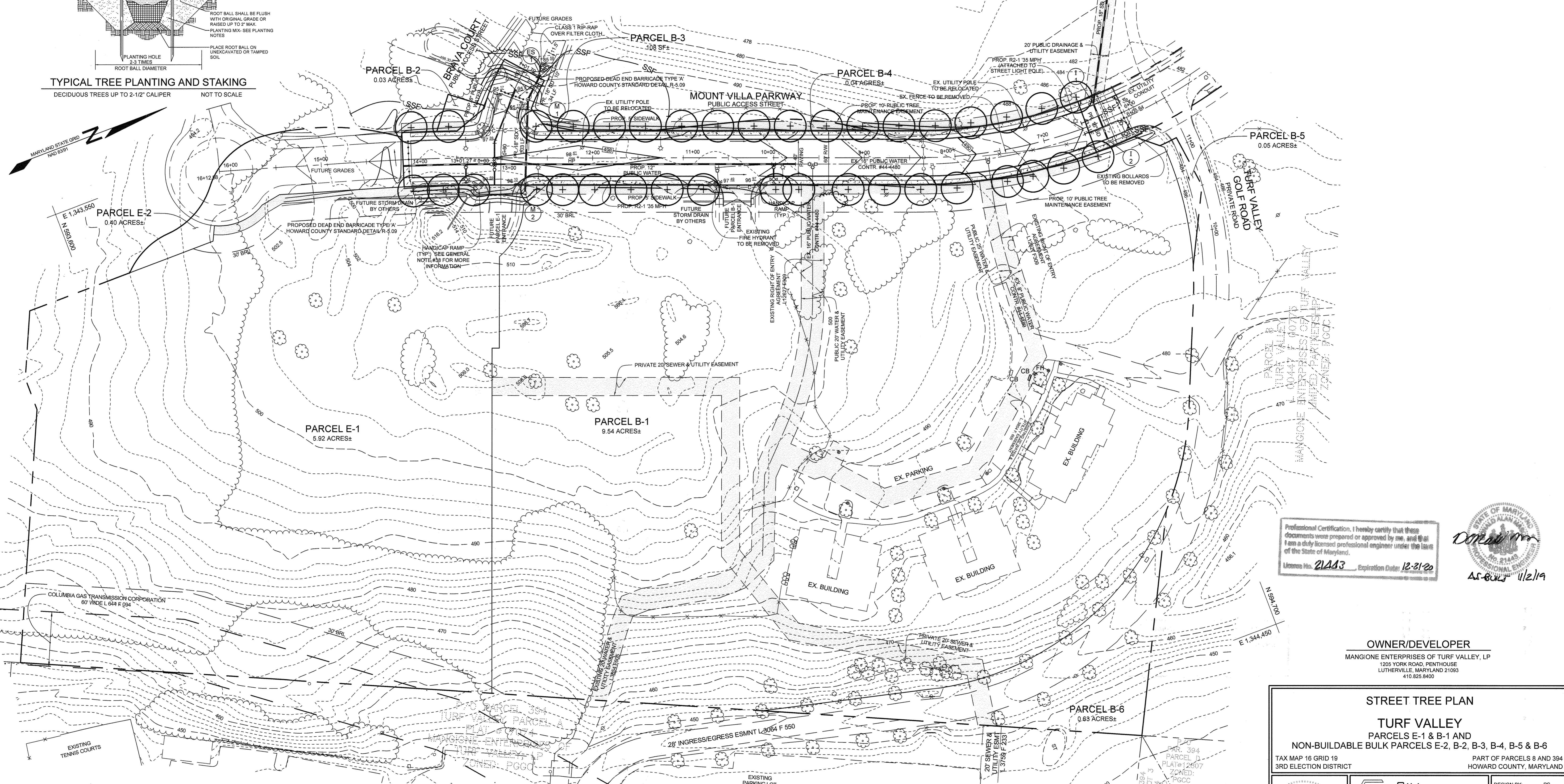
STREET NAME	LF REQUIRED	TREES REQUIRED	TREES PROVIDED
MOUNT VILLA PARKWAY	1,500	37	37

LANDSCAPE SCHEDULE

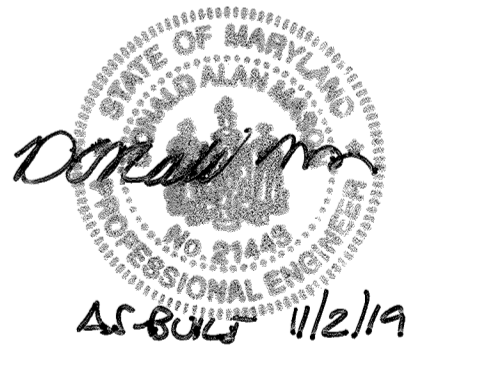
KEY	QUANTITY	BOTANICAL NAME	SIZE	NOTE
(+)	37	TILIA CORDATA (STREET TREES) GREENSPIRE GREENSPIRE LITTLELEAF LINDEN	2 1/2"-3" CAL.	B & B

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING STREAMBANK BUFFER
- EXISTING UTILITY POLE
- PROPOSED 4" PVC STREET LIGHT CONDUIT WITH PULL STRING, 18" TO 24" DEEP
- PROPOSED STREET TREES



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 21443 Expiration Date: 12-31-20



OWNER/DEVELOPER
MANGIONE ENTERPRISES OF TURF VALLEY, LP
1205 YORK ROAD, PENTHOUSE
LUTHERVILLE, MARYLAND 21033
410.825.8400

STREET TREE PLAN
TURF VALLEY
PARCELS E-1 & B-1 AND
NON-BUILDABLE BULK PARCELS E-2, B-2, B-3, B-4, B-5 & B-6
TAX MAP 16 GRID 19
3RD ELECTION DISTRICT
PART OF PARCELS 8 AND 394
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Civil Engineering for Land Development

DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: PS
SCALE: AS SHOWN
DATE: JUNE 27, 2014
PROJECT #: 14-001
SHEET #: 8 of 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
7-16-14
7-15-14

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
7-8-14

DEVELOPER'S CERTIFICATE
I CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
7/8/14

PLAN VIEW
SCALE: 1" = 50'

"NO AS-BUILT INFORMATION" IS PROVIDED ON THIS SHEET

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2015